

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
21 July 2005 (21.07.2005)

PCT

(10) International Publication Number  
**WO 2005/066414 A3**

(51) International Patent Classification<sup>7</sup>: D06P 5/08, 5/06, C08G 73/02, 65/24, 65/333

(74) Agent: DÜNNWALD, Dieter; Clariant International Ltd, Rothausstrasse 61, CH-4132 Muttenz 1 (CH).

(21) International Application Number:  
PCT/IB2004/004288

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date:  
23 December 2004 (23.12.2004)

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, JP, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR only), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(25) Filing Language:  
English

(26) Publication Language:  
English

(30) Priority Data:  
03029908.5 29 December 2003 (29.12.2003) EP

(71) Applicant (for AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, JP, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR only): CLARIANT INTERNATIONAL LTD [CH/CH]; Rothausstrasse 61, CH-4132 Muttenz 1 (CH).

(71) Applicant (for all designated States except AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, JP, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, US): CLARIANT FINANCE (BVI) LIMITED; Citco Building, Wickhams Cay, P.O. Box 662, Road Town, Tortola (VG).

(72) Inventors; and

(75) Inventors/Applicants (for US only): PALACIN, Fancis [FR/FR]; 32 rue des Jongquilles, F-68400 Riedisheim (FR). TANG, Qian [CH/CH]; Im Drissel 42, CH-4104 Oberwil (CH).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:  
13 October 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2005/066414 A3

(54) Title: USE OF POLYMERIC ETHERAMINES FOR IMPROVING THE CHLORINE FASTNESS OF TEXTILES

(57) Abstract: The use of polymeric etheramines (P) as aftertreatment agents for dyeings or colour prints obtained with at least one water soluble dye (F) on textile fibrous material (T), especially for improving their fastness to chlorine, the process for producing the aftertreated dyeings and colour prints, and particular aftertreatment compositions, as defined in the Claims.